

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	10581189	NAKAGAWA ET AL.
Examiner	Art Unit	
JESSE BOGUE	3748	

SEARCHED

Class	Subclass	Date	Examiner
60	277,284,286,301,285	5/13/2010	Jesse Bogue
123	672	5/13/2010	Jesse Bogue

SEARCH NOTES

Search Notes	Date	Examiner
East Search: (preliminary or early or close coupled) near4 (catalyst or catalytic) and (oxygen or "02" or "o.sub.2" or air-fuel or air fuel or air/fuel or lambda or hego) near5 (sensor or probe) and lean and (less near2 lean or more near2 rich or (increase or decrease) near4 oxygen or ratio)	5/13/2010	Jesse Bogue
Consulted SPE Tom Denion	5/13/2010	Jesse Bogue
Forward Backward Search / IDS Search / PCT Search	5/13/2010	Jesse Bogue
Inventor Search	5/13/2010	

INTERFERENCE SEARCH

Class	Subclass	Date	Examiner
60	277,284,286,301,285	5/13/2010	Jesse Bogue
123	672	5/13/2010	Jesse Bogue

/JESSE BOGUE/
Examiner Art Unit 3748